

## YUV DISPLAY BUFFER

### ABSTRACT OF THE DISCLOSURE

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A method for enhancing storage capability for a display controller initiates with receiving video display data having a color format associated with a first sub-sampling scheme. Then, a size associated with the video display data is adjusted. Next, the video display data is compressed through a second sub-sampling scheme. Then, the  
10 compressed data having the color format is stored. A computer readable medium, a display controller and a digital video device are also provided as environments in which the method can be stored and/or implemented.